

-FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P23702Application No.  
10/646,772INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)Applicant  
Hiroshi NOMURAFiling Date  
August 25, 2003Group  
2851

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
		4 9 7 4 9 4 9	12/04/90	TANAKA			
		5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
		5 2 1 0 6 4 4	05/11/93	NOMURA			
		5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
		5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
		5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
		5 9 1 2 7 7 2	06/15/99	AOKI			
		5 9 2 6 3 2 2	07/20/99	IWASAKI			
		6 4 9 0 0 9 9	12/03/02	SASAKI			
		6 5 7 0 7 1 8	05/27/03	NOMURA et al.			
		6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
		6 7 1 1 3 4 9	03/23/04	DIRISIO			
		6 7 5 7 4 8 9	06/29/04	NOMURA et al.			
	2001/	0 0 1 7 7 3 8	08/30/01	NOMURA et al.			
	2002/	0 1 8 1 9 5 3	12/05/02	ICHINOKAWA			
	2003/	0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
		6 6 6 5 1 2 9	12/16/03	NOMURA et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
	3	Digital CAPA March 2003, which was publicly released on February 20, 2003, together with an English language translation of the same.
	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

EXAMINER

DATE CONSIDERED

03-09-2005

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant <b>Hiroshi NOMURA</b>	
		Filing Date August 25, 2003	Group 2872

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(Signature)		5 5 4 8 4 4 6	08/20/96	ENOMOTO			
		4 9 5 2 9 5 5	08/28/90	IWATA et al.			
		5 9 0 9 6 0 0	06/01/99	KOSAKO			
		4 5 4 5 6 6 1	10/08/85	HAMAGUCHI et al.			
		5 7 9 0 9 1 1	08/04/98	REIBL			
		5 7 9 0 9 0 7	08/04/98	REIBL			
		4 7 9 1 4 4 1	12/13/88	NISHI et al.			
		3 3 7 7 4 2 7	04/09/68	FISCHER			
		5 7 1 5 4 8 2	02/03/98	WAKABAYASHI et al.			
		4 5 9 7 6 5 7	07/01/86	WAKABAYASHI			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
	2003	-	1	4	9	7	2	3	05/21/03	JAPAN			X		
		0	5	9	8	7	0	3	05/25/94	E.P.O.					
		9	-	1	5	6	8	2	01/17/97	JAPAN					
		0	8	1	0	4	6	6	03/12/97	E.P.O.					
		3	3	1	7	9	9	9	11/24/83	GERMANY					
		1	9	6	2	3	0	6	6	12/11/97	GERMANY				
		8	-	3	1	3	7	9	0	11/29/96	JAPAN				
		6	-	2	3	0	2	6	3	08/19/94	JAPAN				
		10	-	2	5	4	0	5	4	09/25/98	JAPAN				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

(Signature)	5	English Language Abstract of JP 9-15682.
	6	English Language Abstract of JP 8-313790.
	7	English Language Abstract of JP 6-230263.
	8	English Language Abstract of JP 10-254054.
	9	English Language Abstract of JP 2003-149723.

EXAMINER <i>D. Gray</i>	DATE CONSIDERED <i>03-09-2005</i>
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